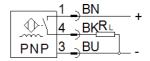
Proximity Sensor SIEN-M12B-PS-S-L Part number: 150403

FESTO

Inductive, with standard switching distance.





Data sheet

Feature	Value	
Conforms to standard	EN 60947-5-2	
Authorization	RCM Mark	
	c UL us - Listed (OL)	
CE symbol (see declaration of conformity)	according to EU-EMV guideline	
Nominal switching distance	2 mm	
Guaranteed switching distance	1.62 mm	
Reduction factors	Aluminum = 0.4	
	Stainless steel, St 18/8 = 0.6	
	Copper = 0.3	
	Brass = 0.5	
	Steel, St 37 = 1.0	
Ambient temperature	-25 70 °C	
Repetition accuracy for constant conditions	0,1 mm	
Switch output	PNP	
Switching element function	Normally open contact	
Hysteresis	<= 0.18 mm	
Max. switching frequency	3,000 Hz	
Max. output current	200 mA	
Voltage drop	<= 2 ∨	
Inductive protective circuit	Integrated	
Short circuit strength	Pulsing	
Operating voltage range DC	10 30 V	
Residual ripple	± 10%	
Idle current	<= 10 mA	
Polarity protected	for all electrical connections	
Electrical connection	3-pin	
	M12x1	
	Plug	
Size	M12x1	
Mounting type	with lock nut	
Type of installation	flush	
Product weight	30 g	
Material housing	Brass	
	PBTP	
	Nickel plated	
Operating status display	Yellow LED	
Ambient temperature with flexible cable installation	-5 70 °C	
Protection class	IP65	
	IP67	
Corrosion resistance classification CRC	2 - Moderate corrosion stress	
PWIS conformity	VDMA24364-B2-L	